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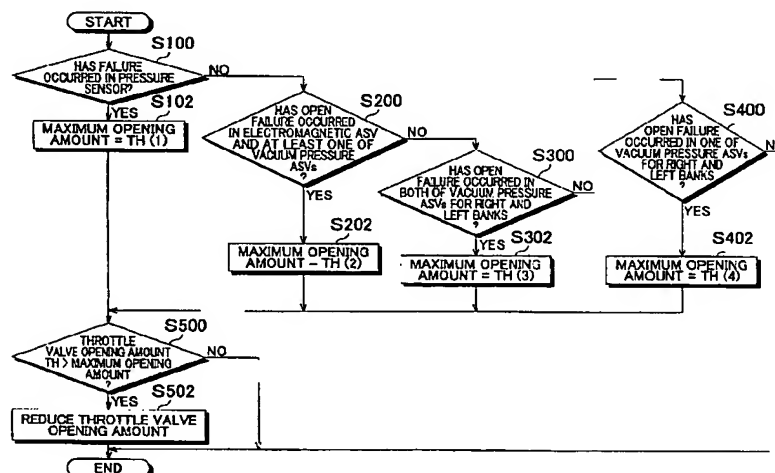
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(54) Title: CONTROL APPARATUS AND CONTROL METHOD FOR INTERNAL COMBUSTION ENGINE PROVIDED WITH SECONDARY AIR SUPPLY



(57) Abstract: An ECU executes a program including a step (S102) of limiting the maximum opening amount of a throttle valve to TH (1) when failure has occurred in a pressure sensor ("YES" in step S100); a step (S202) of limiting the maximum opening amount to TH (2) when open failure has occurred in at least one of two vacuum pressure ASVs provided for banks of a V-type engine, and an electromagnetic ASV ("YES" in step S200); a step (S302) of limiting the maximum opening amount to TH (3) when open failure has occurred in both of the vacuum pressure ASVs ("YES" in step S300); a step (S402) of limiting the maximum opening amount to TH (4) when open failure has occurred in one of the vacuum pressure ASVs ("YES" in step S400); and a step (S502) of reducing the throttle valve opening amount TH to the limited maximum opening amount.